

Message

From: Danielle Nesvacil [danielle.nesvacil@tceq.texas.gov]
Sent: 4/23/2021 9:03:59 PM
To: Casso, Ruben [Casso.Ruben@epa.gov]
CC: Tonya Baer [Tonya.Baer@tceq.texas.gov]; Laurie Barker [Laurie.Barker@tceq.texas.gov]; Donna Huff [donna.huff@tceq.texas.gov]; Vincent Meiller [vincent.meiller@tceq.texas.gov]; Steven Hagood [steven.hagood@tceq.texas.gov]; Verhalen, Frances [verhalen.frances@epa.gov]; Moeller, Michael [moeller.michael@epa.gov]; Robinson, Jeffrey [Robinson.Jeffrey@epa.gov]
Subject: RE: TX Risk Assessment Emissions Data
Attachments: EPA_data_review_04232021.docx; EPA-TCEQ Emissions Data Comparison .xlsx; TCEQ RELEASE POINT CHAR_and_COORD.xlsx

Ruben,

The TCEQ appreciates the opportunity to review and comment on EPA's emissions data extract prior to using the data in the Human Exposure Model. Our comments are attached.

We can discuss our comments via conference call if it is easier. Also, the TCEQ will expedite its review of the 2020 emissions inventories for Eastman Chemical, Shell Technology Center, and Huntsman/Indorama Port Neches. We will provide quality assured data to the EPA in advance of the EPA reporting deadline.

Please feel free to reach out with any questions or concerns; my contact information is below.

Regards,
Danielle

Danielle Nesvacil | Manager, Emissions Assessment Section | TCEQ

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From: "Casso, Ruben" <Casso.Ruben@epa.gov>

Date: April 2, 2021 at 7:41:45 AM CDT

To: Tonya Baer <Tonya.Baer@tceq.texas.gov>

Cc: "Robinson, Jeffrey" <Robinson.Jeffrey@epa.gov>, "Verhalen, Frances" <verhalen.frances@epa.gov>

Subject: TX Risk Assessment Emissions Data



Please see the attached emissions modeling file and summary for the Texas facilities listed below. We request that this file be reviewed and returned with changes (if applicable) by April 23rd. You are welcome to share the data for each individual facility with those specific facilities, if that will facilitate this review. If you need additional time to respond, please let us know.

EPA region	Facility Name	Location	HEM Facility ID
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6	Huntsman, Port Neches Operations	Port Neches, TX	48245110000504800
6	Eastman Chemical Texas Operations	Longview, TX	482034941511
6	Shell Technology Center Houston	Houston, TX	482013736811

The first 18 columns of the file (columns A through R) are the emission and source input parameters we currently have to model these facilities with the Human Exposure Model (HEM). The remaining columns (S through AG) are the National Emissions Inventory (NEI) data included to provide more detail on the processes and units associated with each emission point (SourceID). Each row represents a facility, emissions source, and pollutant. The 'SumEmissionTPY' (Column D) value is the emission total, in tons per year, attributed to each Facility ID, Source ID and Pollutant combination. Source types (column H) are either point (P) or area (A), and a small number of horizontal points (H). For area sources, the release parameters are given in columns I through N. For point sources, the release parameters are given in columns O through R.

Also attached is a copy of the HEM-4 Users Guide in case anyone wants further information on the HEM input columns (A through R). Specifically, this information can be found on page 33-38.

If any changes are suggested for the emissions file, please note them either in writing and/or highlighting within the file.

If there are further questions regarding the data in this file or the format, feel free to reach out to Michael Moeller at moeller.michael@epa.gov and please cc: me at casso.ruben@epa.gov.

Thank you.

Ruben Casso
Air Toxics Coordinator
EPA Region 6
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